

# Naor Movshovitz

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

961  
citations

759233

12  
h-index

996975

15  
g-index

16  
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16  
docs citations

16  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Promise and Limitations of Precision Gravity: Application to the Interior Structure of Uranus and Neptune. <i>Planetary Science Journal</i> , 2022, 3, 88.	3.6	6
2	Connecting the Gravity Field, Moment of Inertia, and Core Properties in Jupiter through Empirical Structural Models. <i>Astrophysical Journal</i> , 2021, 910, 38.	4.5	6
3	Theory of Figures to the Seventh Order and the Interiors of Jupiter and Saturn. <i>Planetary Science Journal</i> , 2021, 2, 241.	3.6	26
4	Saturn's Probable Interior: An Exploration of Saturn's Potential Interior Density Structures. <i>Astrophysical Journal</i> , 2020, 891, 109.	4.5	24
5	Cassini Ring Seismology as a Probe of Saturn's Interior. I. Rigid Rotation. <i>Astrophysical Journal</i> , 2019, 871, 1.	4.5	70
6	Comparing Jupiter interior structure models to Juno gravity measurements and the role of a dilute core. <i>Geophysical Research Letters</i> , 2017, 44, 4649-4659.	4.0	265
7	Impact disruption of gravity-dominated bodies: New simulation data and scaling. <i>Icarus</i> , 2016, 275, 85-96.	2.5	29
8	Disruption and reaccretion of mid-sized moons during an outer solar system Late Heavy Bombardment. <i>Geophysical Research Letters</i> , 2015, 42, 256-263.	4.0	24
9	Scale Size Effect in Momentum Enhancement. <i>Procedia Engineering</i> , 2013, 58, 240-250.	1.2	11
10	Momentum enhancement from aluminum striking granite and the scale size effect. <i>International Journal of Impact Engineering</i> , 2013, 56, 12-18.	5.0	36
11	NUMERICAL MODELING OF THE DISRUPTION OF COMET D/1993 F2 SHOEMAKER-LEVY 9 REPRESENTING THE PROGENITOR BY A GRAVITATIONALLY BOUND ASSEMBLAGE OF RANDOMLY SHAPED POLYHEDRA. <i>Astrophysical Journal</i> , 2012, 759, 93.	4.5	34
12	Chondrule formation during planetesimal accretion. <i>Earth and Planetary Science Letters</i> , 2011, 308, 369-379.	4.4	125
13	Experimental determination of the coefficient of restitution for meter-scale granite spheres. <i>Icarus</i> , 2011, 211, 849-855.	2.5	45
14	Formation of Jupiter using opacities based on detailed grain physics. <i>Icarus</i> , 2010, 209, 616-624.	2.5	190
15	The opacity of grains in protoplanetary atmospheres. <i>Icarus</i> , 2008, 194, 368-378.	2.5	70